船井情報科学振興財団 留学報告書

川口賢司

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NIPS 2016

In December 2016 I attended the Neural Information Processing Systems (NIPS) conference to give a talk on the paper titled "Deep Learning without Poor Local Minima" [1]. The conference was held in Barcelona, Spain. I also gave talks on the same topic in Google Cambridge, Tomaso Poggio lab at MIT, and Machine Learning tea at MIT.

The talk can be watched here: <u>talk</u>. The full paper can be read here: <u>paper</u>. And a short spotlight video can be viewed here: <u>spotlight video</u>.

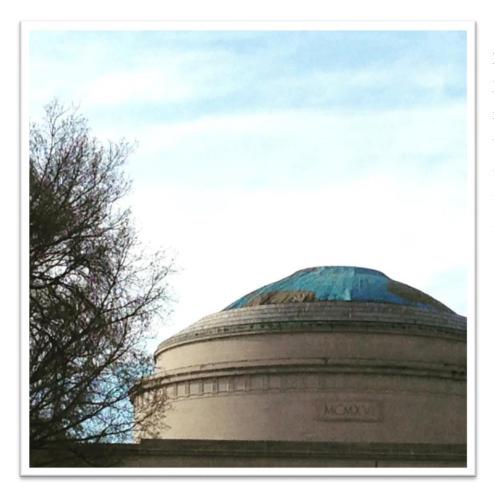


The conference room that the talk was held in, and a slide from my presentation

MIT Hacks

MIT is famous for its "hacks". A "hack" at MIT is a practical joke or prank that is done by some students, usually at the end of the year, or to celebrate a special occasion. Many of these hacks have some type of technical or engineering aspect to them. Since coming to MIT I have seen five or six different hacks.

Many of MIT's most famous hacks involve the iconic MIT "Great Dome", which is home to MIT's engineering library. There's a book titled "Nightwork: A History of Hacks and Pranks at MIT" that shows all of the many different hacks that have happened around campus, the most famous being when a group of students built a police car and put it on top of the dome.



Recently, on Earth
Day, I was able to see
my first MIT hack
that involved the
dome. You can see in
this photo that the
dome was covered so
that it looks like the
earth.

References

[1] Kawaguchi, K. (2016). Deep learning without poor local minima. In Advances in *Neural Information Processing Systems*.